

1/4

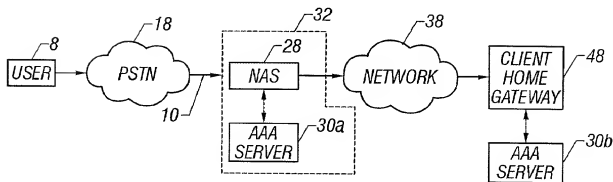


FIG. 1A
(Prior Art)

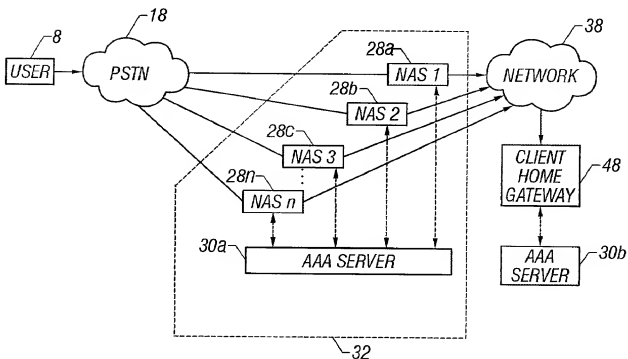


FIG. 1B
(Prior Art)

09965932.121701

2/4

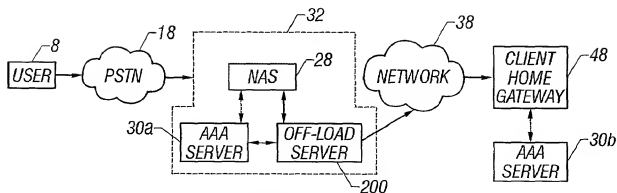


FIG. 2

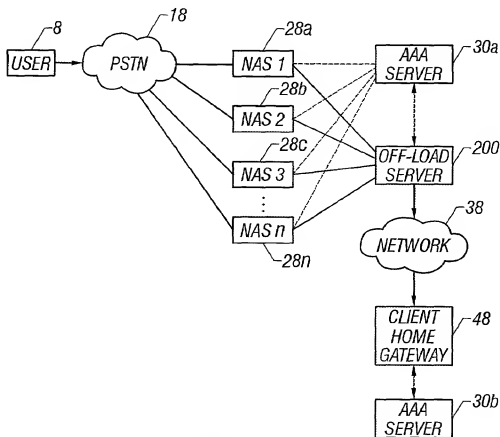


FIG. 3

09965932-121701

3/4

CALL FLOW

NAS 1

RADIUS
AAA

OFF-LOAD SERVER

1. CALL SETUP-PREAUTH.

NAS PREAUTHENTICATES
THE DNIS (CALLED DIGITS)
TO VALIDATE CALLED #
LOCAL SESSION ID IS
CHOSEN (INCREMENTING).
(i.e. 01, 02, 03, ...)

SINCE MORE THAN ONE NAS
MAY BE INVOLVED, ADD A
UNIQUE IDENTIFIER TO HEAD
OF SESSION ID SO THAT NO
TWO NAS(S) EVER USE
THE SAME SESSION ID.
SO SEND:

12345 00000001
12345 00000002
12345 00000003

2. SERVER LOOKS UP
DNIS (USERNAME)
AND ACCEPTS THE
CALL. SERVER MAY
KEEP REFERENCE
TO CALL VIA SESSION
ID TO COUNT
OF USERS ON
GIVEN DNIS

ACCEPT

3. CALL ACCEPTED

1. CONNECTS THE CALL TO
NAS,
2. LAYER1 AND LAYER 2 ARE
ESTABLISHED.
3. UPN SERVICE STARTS

L2X SESSION STARTS →

(A)

FIG. 4A

00000000.121701

4/4

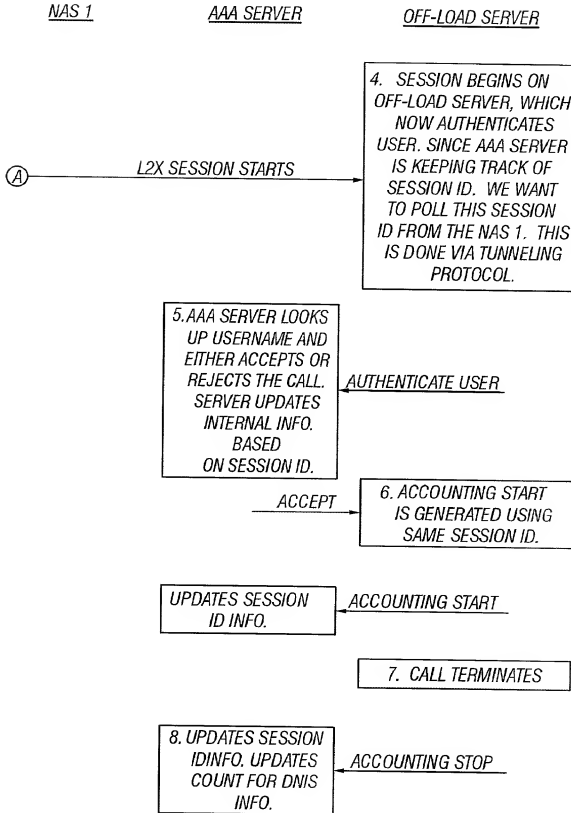


FIG. 4B